

**Amendment to the Specification:**

Please delete the present Abstract and replace with the following paragraph (marked with deletions indicated by strikethrough and insertions by underlining.)

A chimeric Polynucleotides encoding chimeric or humanized LL2 monoclonal antibodies  
(mAbs) or fragments thereof ~~antibody~~ is described in which the complementarily determining  
regions (CDRs) of the light and heavy chains of the murine LL2 anti-B-lymphoma, anti-  
leukemia cell monoclonal antibody have ~~has~~ been recombinantly joined to the human *kappa* and  
IgG<sub>1</sub> constant region domains, respectively, which has reduced tendency of eliciting human anti-  
mouse (HAMA) response in humans compared to the murine LL2 mAb ~~retains the~~  
~~immunospecificity and B-cell lymphoma and leukemia cell internalization capacity of the~~  
~~parental murine LL2 monoclonal antibody, and which has the potential of exhibiting reduced~~  
~~human anti-mouse antibody production activity.~~ The ~~A~~ humanized LL2 monoclonal antibody  
further comprises ~~is described in which the CDRs of the light and heavy chains have been~~  
~~recombinantly joined to a framework sequence of human light and heavy chains variable regions,~~  
~~respectively, and subsequently linked to human kappa and IgG<sub>1</sub> constant region domains,~~  
~~respectively, which retains the immunospecificity and B-lymphoma and leukemia cell~~  
~~internalization capacities of the parental murine and chimeric LL2 monoclonal antibodies, and~~  
~~which has the potential for exhibiting reduced human anti-mouse antibody production activity.~~  
Vectors for producing recombinant chimeric and humanized chimeric monoclonal antibodies are  
provided. ~~Isolate DNAs encoding the amino acid sequences of the LL2 variable light and heavy~~  
~~chain and CDR framework regions are described.~~ ~~Conjugates of chimeric and humanized~~  
~~chimeric LL2 antibodies with cytotoxic agents or labels find use in therapy and diagnosis of B-~~  
~~cell lymphomas and leukemias.~~